

Form 603

Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme

ACN/ARSN

1. Details of substantial holder (1)

Name

ACN/ARSN (if applicable)

The holder became a substantial holder on / /

2. Details of voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in on the date the substantial holder became a substantial holder are as follows:

| Class of securities (4) | Number of securities | Person's votes (5) | Voting power (6) |
|-------------------------|----------------------|--------------------|------------------|
| | | | |
| | | | |

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

| Holder of relevant interest | Nature of relevant interest (7) | Class and number of securities |
|-----------------------------|---------------------------------|--------------------------------|
| | | |
| | | |

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

| Holder of relevant interest | Registered holder of securities | Person entitled to be registered as holder (8) | Class and number of securities |
|-----------------------------|---------------------------------|--|--------------------------------|
| | | | |
| | | | |

5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

| Holder of relevant interest | Date of acquisition | Consideration (9) | | Class and number of securities |
|-----------------------------|---------------------|-------------------|----------|--------------------------------|
| | | Cash | Non-cash | |
| | | | | |
| | | | | |
| | | | | |

6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

| Name and ACN/ARSN (if applicable) | Nature of association |
|-----------------------------------|-----------------------|
| | |
| | |

7. Addresses

The addresses of persons named in this form are as follows:

| Name | Address |
|------|---------|
| | |
| | |

Signature

print name

capacity

sign here

date / /

*** At a meeting of the Board on 22 November 2013, the Directors resolved to approve the delegation of the preparation and lodgement of substantial shareholder notices on behalf of BlackRock Investment Management (Australia) Limited.**

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
- (9) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

22-Feb-17

Dennis Ivers,
Authorised Signatory

Date

3. Details of Relevant Interests

4. Details of present registered holders

6. Associates

| Holder of Relevant Interests Name and ACN / ARSN (if applicable) | Nature of Relevant Interest | Registered Holder of Securities | Person entitled to be registered as holder | Class and number of Securities | Person's votes | Nature of Association |
|---|---|---------------------------------|--|--------------------------------|----------------|------------------------------|
| BlackRock (Netherlands) B.V. | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BNYM-BANK OF NY BRUS | | ord 17,408 | 17,408 | subsidiary of BlackRock Inc. |
| BlackRock (Netherlands) B.V. | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | JPM-JP MORGAN CHASE - NEW YORK | | ord 63,804 | 63,804 | subsidiary of BlackRock Inc. |
| BlackRock (Netherlands) B.V. | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-SSB NEW YORK INSTITUTIONAL | | ord 201,617 | 201,617 | subsidiary of BlackRock Inc. |
| BlackRock (Singapore) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BNYM-BONY LUXEMBOURG | | ord 119,927 | 119,927 | subsidiary of BlackRock Inc. |
| BlackRock (Singapore) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STREET LONDON | | ord 6,916 | 6,916 | subsidiary of BlackRock Inc. |
| BlackRock Advisors (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BNYM-BONY EUROPE - LONDON | | ord 4,137,022 | 4,137,022 | subsidiary of BlackRock Inc. |
| BlackRock Advisors (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | CB-CACEIS BANK LUXEMBOURG | | ord 1,112 | 1,112 | subsidiary of BlackRock Inc. |
| BlackRock Advisors (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | JPM - J.P. Morgan Zurich | | ord 86,763 | 86,763 | subsidiary of BlackRock Inc. |

| Holder of Relevant Interests Name and ACN / ARSN (if applicable) | Nature of Relevant Interest | Registered Holder of Securities | Person entitled to be registered as holder | Class and number of Securities | Person's votes | Nature of Association |
|---|---|---|---|---------------------------------------|-----------------------|------------------------------|
| BlackRock Advisors (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | JPM-JPM CHASE - LONDON | | ord 787,759 | 787,759 | subsidiary of BlackRock Inc. |
| BlackRock Advisors (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | NT-NORTHERN TRUST UK | | ord 332,248 | 332,248 | subsidiary of BlackRock Inc. |
| BlackRock Advisors (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | RBC-DEXIA BIL- LONDON | | ord 265,585 | 265,585 | subsidiary of BlackRock Inc. |
| BlackRock Advisors (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STREET DUBLIN | | ord 5,169,945 | 5,169,945 | subsidiary of BlackRock Inc. |
| BlackRock Advisors (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | STATE STREET BANK, MUNICH, ZURICH BRANCH | | ord 9,389 | 9,389 | subsidiary of BlackRock Inc. |
| BlackRock Advisors, LLC | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK | | ord 224,047 | 224,047 | subsidiary of BlackRock Inc. |
| BlackRock Advisors, LLC | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STREET MUTUAL FUNDS - BOSTON | | ord 606,507 | 606,507 | subsidiary of BlackRock Inc. |
| BlackRock Asset Management Canada Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | NT-NORTHERN TRUST CO. - CHICAGO | | ord 12,558 | 12,558 | subsidiary of BlackRock Inc. |
| BlackRock Asset Management Canada Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-SSB NEW YORK INSTITUTIONAL | | ord 54,114 | 54,114 | subsidiary of BlackRock Inc. |
| BlackRock Asset Management Canada Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STREET SACRAMENTO | | ord 588,137 | 588,137 | subsidiary of BlackRock Inc. |
| BlackRock Asset Management North Asia Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BNYM-BONY EUROPE - LONDON | | ord 51,267 | 51,267 | subsidiary of BlackRock Inc. |
| BlackRock Asset Management North Asia Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BNYM-BONY LUXEMBOURG | | ord 861,171 | 861,171 | subsidiary of BlackRock Inc. |
| BlackRock Asset Management North Asia Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | HSBC-HSBC Institutional Trust Services (Asia) Ltd | | ord 5 | 5 | subsidiary of BlackRock Inc. |

| Holder of Relevant Interests Name and ACN / ARSN (if applicable) | Nature of Relevant Interest | Registered Holder of Securities | Person entitled to be registered as holder | Class and number of Securities | Person's votes | Nature of Association |
|---|---|---|--|--------------------------------|----------------|------------------------------|
| BlackRock Asset Management North Asia Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | HSBC-HSBC, HONG KONG | | ord 5,328 | 5,328 | subsidiary of BlackRock Inc. |
| BlackRock Asset Management North Asia Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | Northern Trust Singapore | | ord 1,931 | 1,931 | subsidiary of BlackRock Inc. |
| BlackRock Financial Management, Inc. | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK | | ord 29,081 | 29,081 | subsidiary of BlackRock Inc. |
| BlackRock Financial Management, Inc. | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BNYM-BONY LUXEMBOURG | | ord 290,039 | 290,039 | subsidiary of BlackRock Inc. |
| BlackRock Financial Management, Inc. | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BNYM-THE BANK OF NEW YORK | | ord 274,090 | 274,090 | subsidiary of BlackRock Inc. |
| BlackRock Financial Management, Inc. | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | HSBC-HSBC - LONDON | | ord 11,737 | 11,737 | subsidiary of BlackRock Inc. |
| BlackRock Financial Management, Inc. | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | NT-NORTHERN TRUST UK | | ord 125,956 | 125,956 | subsidiary of BlackRock Inc. |
| BlackRock Financial Management, Inc. | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | RBC-ROYAL TRUST - TORONTO | | ord 94,106 | 94,106 | subsidiary of BlackRock Inc. |
| BlackRock Financial Management, Inc. | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-SSB NEW YORK INSTITUTIONAL | | ord 1,393 | 1,393 | subsidiary of BlackRock Inc. |
| BlackRock Fund Advisors | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-SSB NEW YORK INSTITUTIONAL | | ord 59,430 | 59,430 | subsidiary of BlackRock Inc. |
| BlackRock Fund Advisors | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STREET BANK, BOSTON | | ord 201,335 | 201,335 | subsidiary of BlackRock Inc. |
| BlackRock Fund Advisors | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STREET MUTUAL FUNDS - BOSTON | | ord 83,136 | 83,136 | subsidiary of BlackRock Inc. |
| BlackRock Fund Advisors | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STREET SACRAMENTO | | ord 15,270,980 | 15,270,980 | subsidiary of BlackRock Inc. |

| Holder of Relevant Interests Name and ACN / ARSN (if applicable) | Nature of Relevant Interest | Registered Holder of Securities | Person entitled to be registered as holder | Class and number of Securities | Person's votes | Nature of Association |
|---|---|--|---|---------------------------------------|-----------------------|------------------------------|
| BlackRock Institutional Trust Company, National Association | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BNYM-THE BANK OF NEW YORK | | ord 1,401,511 | 1,401,511 | subsidiary of BlackRock Inc. |
| BlackRock Institutional Trust Company, National Association | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | JPM-JP MORGAN CHASE - NEW YORK | | ord 282,850 | 282,850 | subsidiary of BlackRock Inc. |
| BlackRock Institutional Trust Company, National Association | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | NT-NORTHERN TRUST CO. - CHICAGO | | ord 490,136 | 490,136 | subsidiary of BlackRock Inc. |
| BlackRock Institutional Trust Company, National Association | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-SSB BOSTON INSTITUTIONAL | | ord 31,869 | 31,869 | subsidiary of BlackRock Inc. |
| BlackRock Institutional Trust Company, National Association | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-SSB NEW YORK INSTITUTIONAL | | ord 986,216 | 986,216 | subsidiary of BlackRock Inc. |
| BlackRock Institutional Trust Company, National Association | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STATE HONG KONG | | ord 638,386 | 638,386 | subsidiary of BlackRock Inc. |
| BlackRock Institutional Trust Company, National Association | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STREET BANK, BOSTON | | ord 93,172 | 93,172 | subsidiary of BlackRock Inc. |
| BlackRock Institutional Trust Company, National Association | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STREET LONDON | | ord 86,224 | 86,224 | subsidiary of BlackRock Inc. |
| BlackRock Institutional Trust Company, National Association | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STREET SACRAMENTO | | ord 15,932,642 | 15,932,642 | subsidiary of BlackRock Inc. |
| BlackRock Institutional Trust Company, National Association | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | UBS- UBS- ZURICH | | ord 30,567 | 30,567 | subsidiary of BlackRock Inc. |
| BlackRock International Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | JPM-JP MORGAN CHASE - NEW YORK | | ord 81,967 | 81,967 | subsidiary of BlackRock Inc. |
| BlackRock International Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | NT-NORTHERN TRUST UK | | ord 464,530 | 464,530 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (Australia) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | JPM-JPM CHASE - SYDNEY | | ord 439,190 | 439,190 | subsidiary of BlackRock Inc. |

| Holder of Relevant Interests Name and ACN / ARSN (if applicable) | Nature of Relevant Interest | Registered Holder of Securities | Person entitled to be registered as holder | Class and number of Securities | Person's votes | Nature of Association |
|---|---|---|---|---------------------------------------|-----------------------|------------------------------|
| BlackRock Investment Management (Australia) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE | | ord 3,379,643 | 3,379,643 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (Australia) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | Northern Trust Singapore | | ord 587,687 | 587,687 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (Australia) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STREET AUSTRALIA | | ord 75,917 | 75,917 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (Australia) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | UBS- UBS- ZURICH | | ord 179,913 | 179,913 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | AP7 | | ord 165,072 | 165,072 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BNP-BNP Paribas Milan | | ord 60,680 | 60,680 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BNYM-BANK OF NY BRUS | | ord 196,415 | 196,415 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BNYM-BONY EUROPE - LONDON | | ord 690,177 | 690,177 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BNYM-BONY LUXEMBOURG | | ord 353,617 | 353,617 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | CB-CACEIS BANK LUXEMBOURG | | ord 8,908 | 8,908 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | CITI-CITIBANK, LONDON | | ord 1,311,039 | 1,311,039 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | JPM-JP MORGAN CHASE - NEW YORK | | ord 91,353 | 91,353 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | KAS-KAS BANK - AMSTERDAM | | ord 206,486 | 206,486 | subsidiary of BlackRock Inc. |

| Holder of Relevant Interests Name and ACN / ARSN (if applicable) | Nature of Relevant Interest | Registered Holder of Securities | Person entitled to be registered as holder | Class and number of Securities | Person's votes | Nature of Association |
|---|---|---|--|--------------------------------|----------------|------------------------------|
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | NT-NORTHERN TRUST CO. - CHICAGO | | ord 69,571 | 69,571 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | NT-NORTHERN TRUST UK | | ord 559,476 | 559,476 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SEB-SKANDINAVISKA ENSKILDA BANKEN | | ord 42,559 | 42,559 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STATE HONG KONG | | ord 58,699 | 58,699 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STREET BANK LUXEMBOURG | | ord 341,468 | 341,468 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STREET BANK, GERMANY | | ord 70,461 | 70,461 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (UK) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STREET LONDON | | ord 291,166 | 291,166 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management, LLC | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BNYM-BONY LUXEMBOURG | | ord 36,890 | 36,890 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management, LLC | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BNYM-THE BANK OF NEW YORK | | ord 790,894 | 790,894 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management, LLC | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | JPM-JP MORGAN CHASE - NEW YORK | | ord 925,040 | 925,040 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management, LLC | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | USB-US BANK | | ord 20,964 | 20,964 | subsidiary of BlackRock Inc. |
| BlackRock Japan Co., Ltd. | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | BBH-BROWN BROTHERS HARRIMAN & CO - NEW YORK | | ord 18,047 | 18,047 | subsidiary of BlackRock Inc. |
| BlackRock Japan Co., Ltd. | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | JPM-JP MORGAN CHASE - NEW YORK | | ord 1,703,679 | 1,703,679 | subsidiary of BlackRock Inc. |

| Holder of Relevant Interests Name and ACN / ARSN (if applicable) | Nature of Relevant Interest | Registered Holder of Securities | Person entitled to be registered as holder | Class and number of Securities | Person's votes | Nature of Association |
|---|---|---|---|---------------------------------------|-----------------------|------------------------------|
| BlackRock Japan Co., Ltd. | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | MITSUI-SUMITOMO TRUST | | ord 5,619 | 5,619 | subsidiary of BlackRock Inc. |
| BlackRock Japan Co., Ltd. | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities as investment manager or trustee. | SSB-STATE STREET BANK, BOSTON | | ord 21,425 | 21,425 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (Australia) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager. | CITI-Citigroup Australia - SYDNEY | | ord 42,935 | 42,935 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (Australia) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager. | JPM-JPM CHASE - SYDNEY | | ord 1,039,601 | 1,039,601 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (Australia) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager. | NAB-NATIONAL AUSTRALIA BANK LIMITED - MELBOURNE | | ord 1,037,420 | 1,037,420 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (Australia) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as investment manager. | UBS- UBS- ZURICH | | ord 11,271 | 11,271 | subsidiary of BlackRock Inc. |
| BlackRock Investment Management (Australia) Limited | Power to control the exercise of a right to vote attached to securities and/or the power to dispose of securities held in its capacity as responsible entity. | JPM-JPM CHASE - SYDNEY | | ord 3,384,944 | 3,384,944 | subsidiary of BlackRock Inc. |

This is Annexure B of 12 pages referred to in form 603 Notice of initial substantial shareholder

22-Feb-17

Dennis Ivers,
Authorised Signatory

Date

5. Consideration

| QBE INSURANCE GROUP LTD (QBE) | | | | | | | | |
|---|--|-----|---------------|---------------------|-----|--|-------------------------------|---------|
| Holder of Relevant Interest | Date of Acquisition / Trans on a prescribed fin'l mkt | | Consideration | | | Class and number of securities affected | Person's votes affected | |
| | | | Cash | Non-cash | CCY | | | |
| BlackRock Advisors (UK) Limited | 21-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 3,698 | 3,698 |
| BlackRock Investment Management (UK) Limited | 21-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 17,891 | 17,891 |
| BlackRock Advisors (UK) Limited | 21-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 2,719 | 2,719 |
| BlackRock Investment Management, LLC | 24-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 19,219 | 19,219 |
| BlackRock Investment Management (Australia) Limited | 24-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 4,818 | 4,818 |
| BlackRock Asset Management North Asia Limited | 25-Oct-16 | no | n/a | collateral transfer | AUD | ord | 653,360 | 653,360 |
| BlackRock Fund Advisors | 25-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 3,553 | 3,553 |
| BlackRock Advisors (UK) Limited | 25-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 397 | 397 |
| BlackRock Investment Management, LLC | 25-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 4,920 | 4,920 |
| BlackRock Fund Advisors | 26-Oct-16 | no | n/a | in specie | AUD | ord | 20,940 | 20,940 |
| BlackRock Fund Advisors | 26-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 5,854 | 5,854 |
| BlackRock Advisors (UK) Limited | 26-Oct-16 | no | n/a | in specie | AUD | ord | 18,054 | 18,054 |
| BlackRock Advisors (UK) Limited | 26-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 347 | 347 |
| BlackRock Advisors (UK) Limited | 26-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 1,248 | 1,248 |
| BlackRock Japan Co., Ltd. | 26-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 613 | 613 |
| BlackRock Fund Advisors | 27-Oct-16 | no | n/a | in specie | AUD | ord | 6,460 | 6,460 |
| BlackRock Asset Management Canada Limited | 27-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 4,143 | 4,143 |
| BlackRock Fund Advisors | 27-Oct-16 | no | n/a | in specie | AUD | ord | 205 | 205 |
| BlackRock Fund Advisors | 27-Oct-16 | no | n/a | in specie | AUD | ord | 31,450 | 31,450 |
| BlackRock Investment Management, LLC | 28-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 21,507 | 21,507 |
| BlackRock Investment Management, LLC | 28-Oct-16 | no | n/a | in specie | AUD | ord | 9,984 | 9,984 |
| BlackRock Fund Advisors | 28-Oct-16 | no | n/a | in specie | AUD | ord | 2,016 | 2,016 |
| BlackRock Fund Advisors | 28-Oct-16 | no | n/a | in specie | AUD | ord | 2,016 | 2,016 |
| BlackRock Advisors (UK) Limited | 28-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 2,184 | 2,184 |
| BlackRock Investment Management (UK) Limited | 28-Oct-16 | no | n/a | in specie | AUD | ord | 99,451 | 99,451 |
| BlackRock Fund Advisors | 28-Oct-16 | no | n/a | in specie | AUD | ord | 31,450 | 31,450 |
| BlackRock Asset Management Canada Limited | 28-Oct-16 | no | n/a | in specie | AUD | ord | 54,114 | 54,114 |
| BlackRock Asset Management Canada Limited | 31-Oct-16 | yes | 9.90 | on mkt buy | AUD | ord | 51,981 | 51,981 |
| BlackRock Fund Advisors | 31-Oct-16 | no | n/a | in specie | AUD | ord | 672 | 672 |
| BlackRock Fund Advisors | 31-Oct-16 | no | n/a | in specie | AUD | ord | 205 | 205 |
| BlackRock Institutional Trust Company, National Association | 31-Oct-16 | yes | 9.90 | on mkt buy | AUD | ord | 15,105 | 15,105 |
| BlackRock Investment Management, LLC | 31-Oct-16 | yes | 10.00 | on mkt buy | AUD | ord | 3,967 | 3,967 |
| BlackRock Investment Management (UK) Limited | 01-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord | 13,140 | 13,140 |
| BlackRock Advisors (UK) Limited | 01-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord | 5,440 | 5,440 |
| BlackRock Advisors (UK) Limited | 01-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord | 1,700 | 1,700 |
| BlackRock Advisors (UK) Limited | 01-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord | 1,191 | 1,191 |
| BlackRock Investment Management, LLC | 02-Nov-16 | no | n/a | in specie | AUD | ord | 24,369 | 24,369 |
| BlackRock Investment Management, LLC | 02-Nov-16 | no | n/a | in specie | AUD | ord | 24,482 | 24,482 |
| BlackRock Fund Advisors | 02-Nov-16 | no | n/a | in specie | AUD | ord | 4,072 | 4,072 |
| BlackRock Fund Advisors | 02-Nov-16 | no | n/a | in specie | AUD | ord | 4,072 | 4,072 |
| BlackRock Fund Advisors | 02-Nov-16 | yes | 9.80 | on mkt buy | AUD | ord | 10,625 | 10,625 |
| BlackRock Fund Advisors | 02-Nov-16 | no | n/a | in specie | AUD | ord | 1,344 | 1,344 |
| BlackRock Fund Advisors | 02-Nov-16 | no | n/a | in specie | AUD | ord | 1,344 | 1,344 |
| BlackRock Advisors (UK) Limited | 02-Nov-16 | yes | 9.80 | on mkt buy | AUD | ord | 3,432 | 3,432 |
| BlackRock Advisors (UK) Limited | 02-Nov-16 | yes | 9.80 | on mkt buy | AUD | ord | 790 | 790 |
| BlackRock Advisors (UK) Limited | 03-Nov-16 | yes | 9.80 | on mkt buy | AUD | ord | 8,841 | 8,841 |
| BlackRock Advisors (UK) Limited | 03-Nov-16 | yes | 9.80 | on mkt buy | AUD | ord | 5,408 | 5,408 |
| BlackRock Advisors (UK) Limited | 03-Nov-16 | yes | 9.80 | on mkt buy | AUD | ord | 312 | 312 |
| BlackRock Investment Management, LLC | 03-Nov-16 | yes | 9.70 | on mkt buy | AUD | ord | 5,450 | 5,450 |
| BlackRock Fund Advisors | 03-Nov-16 | no | n/a | in specie | AUD | ord | 31,450 | 31,450 |
| BlackRock Advisors (UK) Limited | 04-Nov-16 | yes | 9.70 | on mkt buy | AUD | ord | 2,719 | 2,719 |
| BlackRock Advisors (UK) Limited | 07-Nov-16 | yes | 9.80 | on mkt buy | AUD | ord | 3,744 | 3,744 |
| BlackRock Advisors (UK) Limited | 08-Nov-16 | no | n/a | in specie | AUD | ord | 7,246 | 7,246 |

| Holder of Relevant Interest | Date of Acquisition / Trans on a prescribed fin'l mkt | | Consideration | | | Class and number of securities affected | Person's votes affected |
|---|--|-----|---------------|------------|-----|--|-------------------------------|
| | | | Cash | Non-cash | CCY | | |
| BlackRock Investment Management (Australia) Limited | 08-Nov-16 | yes | 9.80 | on mkt buy | AUD | ord 9,187 | 9,187 |
| BlackRock Investment Management (Australia) Limited | 08-Nov-16 | yes | 9.80 | on mkt buy | AUD | ord 28,514 | 28,514 |
| BlackRock Advisors (UK) Limited | 09-Nov-16 | yes | 9.30 | on mkt buy | AUD | ord 2,723 | 2,723 |
| BlackRock Financial Management, Inc. | 10-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 34,109 | 34,109 |
| BlackRock Advisors (UK) Limited | 10-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 624 | 624 |
| BlackRock Advisors (UK) Limited | 10-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 1,179 | 1,179 |
| BlackRock Fund Advisors | 10-Nov-16 | no | n/a | in specie | AUD | ord 37,740 | 37,740 |
| BlackRock Fund Advisors | 11-Nov-16 | no | n/a | in specie | AUD | ord 12,216 | 12,216 |
| BlackRock Fund Advisors | 11-Nov-16 | no | n/a | in specie | AUD | ord 1,344 | 1,344 |
| BlackRock Advisors (UK) Limited | 11-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 10,892 | 10,892 |
| BlackRock Advisors (UK) Limited | 11-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 1,248 | 1,248 |
| BlackRock Investment Management (UK) Limited | 11-Nov-16 | no | n/a | in specie | AUD | ord 12,892 | 12,892 |
| BlackRock Fund Advisors | 14-Nov-16 | no | n/a | in specie | AUD | ord 2,160 | 2,160 |
| BlackRock Fund Advisors | 14-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 12,198 | 12,198 |
| BlackRock Fund Advisors | 14-Nov-16 | no | n/a | in specie | AUD | ord 11,495 | 11,495 |
| BlackRock Advisors (UK) Limited | 14-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 10,880 | 10,880 |
| BlackRock Advisors (UK) Limited | 14-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 2,712 | 2,712 |
| BlackRock Advisors (UK) Limited | 14-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 4,368 | 4,368 |
| BlackRock Advisors (UK) Limited | 14-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 674 | 674 |
| BlackRock Fund Advisors | 15-Nov-16 | no | n/a | in specie | AUD | ord 5,250 | 5,250 |
| BlackRock Fund Advisors | 15-Nov-16 | no | n/a | in specie | AUD | ord 2,016 | 2,016 |
| BlackRock Advisors (UK) Limited | 15-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 5,422 | 5,422 |
| BlackRock Fund Advisors | 15-Nov-16 | no | n/a | in specie | AUD | ord 205 | 205 |
| BlackRock Fund Advisors | 16-Nov-16 | no | n/a | in specie | AUD | ord 44,792 | 44,792 |
| BlackRock Fund Advisors | 16-Nov-16 | no | n/a | in specie | AUD | ord 4,200 | 4,200 |
| BlackRock Fund Advisors | 16-Nov-16 | no | n/a | in specie | AUD | ord 5,250 | 5,250 |
| BlackRock Fund Advisors | 16-Nov-16 | no | n/a | in specie | AUD | ord 672 | 672 |
| BlackRock Advisors (UK) Limited | 16-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 2,728 | 2,728 |
| BlackRock Advisors (UK) Limited | 16-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 10,912 | 10,912 |
| BlackRock Advisors (UK) Limited | 16-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 618 | 618 |
| BlackRock Investment Management (Australia) Limited | 16-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 1,683 | 1,683 |
| BlackRock Financial Management, Inc. | 16-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 3,958 | 3,958 |
| BlackRock Advisors (UK) Limited | 17-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 5,254 | 5,254 |
| BlackRock Advisors (UK) Limited | 17-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 94,699 | 94,699 |
| BlackRock Fund Advisors | 17-Nov-16 | no | n/a | in specie | AUD | ord 3,024 | 3,024 |
| BlackRock Fund Advisors | 17-Nov-16 | no | n/a | in specie | AUD | ord 5,616 | 5,616 |
| BlackRock Fund Advisors | 17-Nov-16 | no | n/a | in specie | AUD | ord 17,799 | 17,799 |
| BlackRock Advisors (UK) Limited | 17-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 5,456 | 5,456 |
| BlackRock Advisors (UK) Limited | 17-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 8,172 | 8,172 |
| BlackRock Advisors (UK) Limited | 17-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 78,848 | 78,848 |
| BlackRock Advisors (UK) Limited | 17-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 1,878 | 1,878 |
| BlackRock Advisors (UK) Limited | 17-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 1,236 | 1,236 |
| BlackRock Advisors (UK) Limited | 17-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 2,781 | 2,781 |
| BlackRock Investment Management (Australia) Limited | 17-Nov-16 | yes | 10.00 | on mkt buy | AUD | ord 260,007 | 260,007 |
| BlackRock Investment Management (Australia) Limited | 18-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 2,219 | 2,219 |
| BlackRock Investment Management (Australia) Limited | 18-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 938 | 938 |
| BlackRock Fund Advisors | 18-Nov-16 | no | n/a | in specie | AUD | ord 2,190 | 2,190 |
| BlackRock Advisors (UK) Limited | 18-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 8,172 | 8,172 |
| BlackRock Advisors (UK) Limited | 18-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 35,412 | 35,412 |
| BlackRock Advisors (UK) Limited | 18-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 477 | 477 |
| BlackRock Investment Management (Australia) Limited | 18-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 689 | 689 |
| BlackRock Investment Management (Australia) Limited | 18-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 3,154 | 3,154 |
| BlackRock Advisors (UK) Limited | 21-Nov-16 | no | n/a | in specie | AUD | ord 13,921 | 13,921 |
| BlackRock Investment Management (UK) Limited | 21-Nov-16 | no | n/a | in specie | AUD | ord 22,078 | 22,078 |
| BlackRock Advisors (UK) Limited | 21-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 10,912 | 10,912 |
| BlackRock Investment Management (Australia) Limited | 22-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 4,553 | 4,553 |
| BlackRock Investment Management (Australia) Limited | 22-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 21,072 | 21,072 |
| BlackRock Investment Management (Australia) Limited | 22-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 2,206 | 2,206 |
| BlackRock Advisors (UK) Limited | 22-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 2,728 | 2,728 |
| BlackRock Advisors (UK) Limited | 22-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 1,878 | 1,878 |
| BlackRock Investment Management (Australia) Limited | 22-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 1,811 | 1,811 |

| Holder of Relevant Interest | Date of Acquisition / Trans on a prescribed fin'l mkt | | Consideration | | | Class and number of securities affected | Person's votes affected |
|---|--|-----|---------------|---------------------|-----|--|-------------------------------|
| | | | Cash | Non-cash | CCY | | |
| BlackRock Investment Management (Australia) Limited | 22-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 9,668 | 9,668 |
| BlackRock Fund Advisors | 23-Nov-16 | no | n/a | in specie | AUD | ord 2,160 | 2,160 |
| BlackRock Fund Advisors | 23-Nov-16 | no | n/a | in specie | AUD | ord 2,190 | 2,190 |
| BlackRock Fund Advisors | 23-Nov-16 | no | n/a | in specie | AUD | ord 7,300 | 7,300 |
| BlackRock Fund Advisors | 23-Nov-16 | no | n/a | in specie | AUD | ord 5,376 | 5,376 |
| BlackRock Advisors (UK) Limited | 23-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 626 | 626 |
| BlackRock Investment Management (Australia) Limited | 24-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 2,816 | 2,816 |
| BlackRock Investment Management (Australia) Limited | 24-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 12,943 | 12,943 |
| BlackRock Investment Management (Australia) Limited | 24-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 1,480 | 1,480 |
| BlackRock Investment Management (Australia) Limited | 24-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 17,628 | 17,628 |
| BlackRock Investment Management (Australia) Limited | 24-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 1,212 | 1,212 |
| BlackRock Fund Advisors | 25-Nov-16 | no | n/a | in specie | AUD | ord 9,423 | 9,423 |
| BlackRock Fund Advisors | 28-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 13,746 | 13,746 |
| BlackRock Advisors (UK) Limited | 28-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 1,240 | 1,240 |
| BlackRock Investment Management (UK) Limited | 28-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 3,507 | 3,507 |
| BlackRock Investment Management, LLC | 28-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 1,005 | 1,005 |
| BlackRock Fund Advisors | 29-Nov-16 | no | n/a | in specie | AUD | ord 8,376 | 8,376 |
| BlackRock Advisors (UK) Limited | 29-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 2,730 | 2,730 |
| BlackRock Advisors (UK) Limited | 29-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 1,565 | 1,565 |
| BlackRock Advisors (UK) Limited | 29-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 930 | 930 |
| BlackRock Japan Co., Ltd. | 29-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 523 | 523 |
| BlackRock Fund Advisors | 29-Nov-16 | no | n/a | in specie | AUD | ord 31,450 | 31,450 |
| BlackRock Advisors (UK) Limited | 30-Nov-16 | no | n/a | in specie | AUD | ord 21,709 | 21,709 |
| BlackRock Investment Management (Australia) Limited | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 4,957 | 4,957 |
| BlackRock Investment Management (Australia) Limited | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 19,716 | 19,716 |
| BlackRock Institutional Trust Company, National Association | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 45,770 | 45,770 |
| BlackRock Institutional Trust Company, National Association | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 64,706 | 64,706 |
| BlackRock Institutional Trust Company, National Association | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 73,820 | 73,820 |
| BlackRock Institutional Trust Company, National Association | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 1,249 | 1,249 |
| BlackRock Institutional Trust Company, National Association | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 884 | 884 |
| BlackRock International Limited | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 4,755 | 4,755 |
| BlackRock Investment Management (Australia) Limited | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 2,157 | 2,157 |
| BlackRock Fund Advisors | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 4,949 | 4,949 |
| BlackRock Fund Advisors | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 6,997 | 6,997 |
| BlackRock Advisors (UK) Limited | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 21,378 | 21,378 |
| BlackRock Advisors (UK) Limited | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 8,595 | 8,595 |
| BlackRock Fund Advisors | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 536 | 536 |
| BlackRock Fund Advisors | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 400 | 400 |
| BlackRock Advisors (UK) Limited | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 17,039 | 17,039 |
| BlackRock Investment Management (Australia) Limited | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 25,687 | 25,687 |
| BlackRock Investment Management (Australia) Limited | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 1,903 | 1,903 |
| BlackRock Investment Management (Australia) Limited | 30-Nov-16 | yes | 11.00 | on mkt buy | AUD | ord 5,840 | 5,840 |
| BlackRock Asset Management North Asia Limited | 01-Dec-16 | no | n/a | collateral transfer | AUD | ord 1 | 1 |
| BlackRock Institutional Trust Company, National Association | 01-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord 165,955 | 165,955 |
| BlackRock Institutional Trust Company, National Association | 01-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord 75,931 | 75,931 |
| BlackRock Fund Advisors | 01-Dec-16 | no | n/a | in specie | AUD | ord 37,242 | 37,242 |
| BlackRock Japan Co., Ltd. | 02-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord 6,439 | 6,439 |
| BlackRock Fund Advisors | 02-Dec-16 | no | n/a | in specie | AUD | ord 16,552 | 16,552 |
| BlackRock Fund Advisors | 02-Dec-16 | no | n/a | in specie | AUD | ord 10,470 | 10,470 |
| BlackRock Fund Advisors | 02-Dec-16 | no | n/a | in specie | AUD | ord 1,775 | 1,775 |
| BlackRock Fund Advisors | 02-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord 14,052 | 14,052 |
| BlackRock Investment Management (Australia) Limited | 02-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord 395 | 395 |
| BlackRock Japan Co., Ltd. | 05-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord 6,439 | 6,439 |
| BlackRock Fund Advisors | 06-Dec-16 | no | n/a | in specie | AUD | ord 2,190 | 2,190 |

| Holder of Relevant Interest | Date of Acquisition / Trans on a prescribed fin'l mkt | | Consideration | | | Class and number of securities affected | Person's votes affected | |
|---|--|-----|---------------|---------------------|-----|--|-------------------------------|---------|
| | | | Cash | Non-cash | CCY | | | |
| BlackRock Fund Advisors | 06-Dec-16 | no | n/a | in specie | AUD | ord | 4,380 | 4,380 |
| BlackRock Fund Advisors | 06-Dec-16 | no | n/a | in specie | AUD | ord | 1,344 | 1,344 |
| BlackRock Advisors (UK) Limited | 06-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord | 16,242 | 16,242 |
| BlackRock Investment Management (UK) Limited | 06-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord | 17,905 | 17,905 |
| BlackRock Advisors, LLC | 06-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord | 4,149 | 4,149 |
| BlackRock Institutional Trust Company, National Association | 06-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord | 8,057 | 8,057 |
| BlackRock Financial Management, Inc. | 07-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord | 1,393 | 1,393 |
| BlackRock Investment Management (Australia) Limited | 07-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord | 2,717 | 2,717 |
| BlackRock Investment Management (Australia) Limited | 07-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord | 14,030 | 14,030 |
| BlackRock Investment Management (Australia) Limited | 07-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord | 2,517 | 2,517 |
| BlackRock Fund Advisors | 07-Dec-16 | no | n/a | in specie | AUD | ord | 5,235 | 5,235 |
| BlackRock Fund Advisors | 07-Dec-16 | no | n/a | in specie | AUD | ord | 15,705 | 15,705 |
| BlackRock Fund Advisors | 07-Dec-16 | no | n/a | in specie | AUD | ord | 4,032 | 4,032 |
| BlackRock Investment Management (Australia) Limited | 07-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord | 12,848 | 12,848 |
| BlackRock Japan Co., Ltd. | 07-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord | 509 | 509 |
| BlackRock Investment Management (Australia) Limited | 07-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord | 39,202 | 39,202 |
| BlackRock Institutional Trust Company, National Association | 07-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord | 6,411 | 6,411 |
| BlackRock Investment Management (Australia) Limited | 07-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord | 1,957 | 1,957 |
| BlackRock Investment Management (Australia) Limited | 07-Dec-16 | yes | 11.00 | on mkt buy | AUD | ord | 16,080 | 16,080 |
| BlackRock Fund Advisors | 07-Dec-16 | no | n/a | in specie | AUD | ord | 25,112 | 25,112 |
| BlackRock Fund Advisors | 07-Dec-16 | no | n/a | in specie | AUD | ord | 25,112 | 25,112 |
| BlackRock Fund Advisors | 07-Dec-16 | no | n/a | in specie | AUD | ord | 18,834 | 18,834 |
| BlackRock Investment Management (Australia) Limited | 08-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord | 200,000 | 200,000 |
| BlackRock Investment Management (Australia) Limited | 08-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord | 6,118 | 6,118 |
| BlackRock Fund Advisors | 08-Dec-16 | no | n/a | in specie | AUD | ord | 4,138 | 4,138 |
| BlackRock Fund Advisors | 08-Dec-16 | no | n/a | in specie | AUD | ord | 20,690 | 20,690 |
| BlackRock Investment Management (Australia) Limited | 09-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord | 55,502 | 55,502 |
| BlackRock Investment Management (UK) Limited | 09-Dec-16 | no | n/a | in specie | AUD | ord | 1,481 | 1,481 |
| BlackRock Investment Management (UK) Limited | 09-Dec-16 | no | n/a | in specie | AUD | ord | 1,034 | 1,034 |
| BlackRock Investment Management (UK) Limited | 09-Dec-16 | no | n/a | in specie | AUD | ord | 1,304 | 1,304 |
| BlackRock Investment Management (UK) Limited | 09-Dec-16 | no | n/a | in specie | AUD | ord | 491 | 491 |
| BlackRock Investment Management (UK) Limited | 09-Dec-16 | no | n/a | in specie | AUD | ord | 567 | 567 |
| BlackRock Investment Management (UK) Limited | 09-Dec-16 | no | n/a | in specie | AUD | ord | 983 | 983 |
| BlackRock Advisors (UK) Limited | 09-Dec-16 | no | n/a | collateral transfer | AUD | ord | 135,971 | 135,971 |
| BlackRock Fund Advisors | 09-Dec-16 | no | n/a | in specie | AUD | ord | 15,648 | 15,648 |
| BlackRock Fund Advisors | 09-Dec-16 | no | n/a | in specie | AUD | ord | 10,470 | 10,470 |
| BlackRock Advisors (UK) Limited | 09-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord | 2,560 | 2,560 |
| BlackRock Advisors, LLC | 09-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord | 53,911 | 53,911 |
| BlackRock Fund Advisors | 09-Dec-16 | no | n/a | in specie | AUD | ord | 18,834 | 18,834 |
| BlackRock Advisors (UK) Limited | 12-Dec-16 | no | n/a | collateral transfer | AUD | ord | 0 | 0 |
| BlackRock Investment Management (UK) Limited | 12-Dec-16 | no | n/a | collateral transfer | AUD | ord | 94,998 | 94,998 |
| BlackRock Advisors (UK) Limited | 12-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord | 2,707 | 2,707 |
| BlackRock Advisors (UK) Limited | 12-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord | 2,726 | 2,726 |
| BlackRock Fund Advisors | 12-Dec-16 | no | n/a | in specie | AUD | ord | 205 | 205 |
| BlackRock Advisors (UK) Limited | 13-Dec-16 | no | n/a | collateral transfer | AUD | ord | 94,998 | 94,998 |
| BlackRock Investment Management (Australia) Limited | 13-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord | 3,079 | 3,079 |
| BlackRock Fund Advisors | 13-Dec-16 | no | n/a | in specie | AUD | ord | 66,208 | 66,208 |
| BlackRock Fund Advisors | 13-Dec-16 | no | n/a | in specie | AUD | ord | 20,690 | 20,690 |
| BlackRock Fund Advisors | 13-Dec-16 | no | n/a | in specie | AUD | ord | 7,329 | 7,329 |
| BlackRock Fund Advisors | 13-Dec-16 | no | n/a | in specie | AUD | ord | 4,820 | 4,820 |
| BlackRock Investment Management (Australia) Limited | 13-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord | 2,978 | 2,978 |

| Holder of Relevant Interest | Date of Acquisition / Trans on a prescribed fin'l mkt | | Consideration | | | Class and number of securities affected | Person's votes affected |
|---|--|-----|---------------|---------------------|-----|--|-------------------------------|
| | | | Cash | Non-cash | CCY | | |
| BlackRock Investment Management (Australia) Limited | 13-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 16,853 | 16,853 |
| BlackRock Investment Management (Australia) Limited | 13-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 4,239 | 4,239 |
| BlackRock Investment Management (Australia) Limited | 14-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 100,000 | 100,000 |
| BlackRock Investment Management (Australia) Limited | 14-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 128,843 | 128,843 |
| BlackRock Investment Management, LLC | 14-Dec-16 | no | n/a | collateral transfer | AUD | ord 5,494 | 5,494 |
| BlackRock Investment Management (UK) Limited | 14-Dec-16 | no | n/a | collateral transfer | AUD | ord 51,204 | 51,204 |
| BlackRock Institutional Trust Company, National Association | 14-Dec-16 | no | n/a | in specie | AUD | ord 15,640 | 15,640 |
| BlackRock Fund Advisors | 14-Dec-16 | no | n/a | in specie | AUD | ord 27,384 | 27,384 |
| BlackRock Fund Advisors | 14-Dec-16 | no | n/a | in specie | AUD | ord 10,470 | 10,470 |
| BlackRock Fund Advisors | 14-Dec-16 | no | n/a | in specie | AUD | ord 13,611 | 13,611 |
| BlackRock Fund Advisors | 14-Dec-16 | no | n/a | in specie | AUD | ord 6,025 | 6,025 |
| BlackRock Fund Advisors | 14-Dec-16 | no | n/a | in specie | AUD | ord 2,016 | 2,016 |
| BlackRock Advisors (UK) Limited | 14-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 1,236 | 1,236 |
| BlackRock Fund Advisors | 14-Dec-16 | no | n/a | in specie | AUD | ord 205 | 205 |
| BlackRock Fund Advisors | 14-Dec-16 | no | n/a | in specie | AUD | ord 4,824 | 4,824 |
| BlackRock Investment Management (Australia) Limited | 15-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 132,001 | 132,001 |
| BlackRock Advisors (UK) Limited | 15-Dec-16 | no | n/a | collateral transfer | AUD | ord 1,377,092 | 1,377,092 |
| BlackRock Financial Management, Inc. | 15-Dec-16 | no | n/a | collateral transfer | AUD | ord 846 | 846 |
| BlackRock Investment Management (UK) Limited | 15-Dec-16 | no | n/a | collateral transfer | AUD | ord 42,947 | 42,947 |
| BlackRock Fund Advisors | 15-Dec-16 | no | n/a | in specie | AUD | ord 2,920 | 2,920 |
| BlackRock Fund Advisors | 15-Dec-16 | no | n/a | in specie | AUD | ord 7,824 | 7,824 |
| BlackRock Fund Advisors | 15-Dec-16 | no | n/a | in specie | AUD | ord 8,276 | 8,276 |
| BlackRock Fund Advisors | 15-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 4,913 | 4,913 |
| BlackRock Fund Advisors | 15-Dec-16 | no | n/a | in specie | AUD | ord 4,824 | 4,824 |
| BlackRock Japan Co., Ltd. | 16-Dec-16 | no | n/a | collateral transfer | AUD | ord 2,622 | 2,622 |
| BlackRock Advisors (UK) Limited | 16-Dec-16 | no | n/a | collateral transfer | AUD | ord 1,276,341 | 1,276,341 |
| BlackRock Investment Management, LLC | 16-Dec-16 | no | n/a | collateral transfer | AUD | ord 6,921 | 6,921 |
| BlackRock Investment Management (UK) Limited | 16-Dec-16 | no | n/a | collateral transfer | AUD | ord 1,288,896 | 1,288,896 |
| BlackRock Investment Management (UK) Limited | 16-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 13,204 | 13,204 |
| BlackRock Fund Advisors | 16-Dec-16 | no | n/a | in specie | AUD | ord 3,650 | 3,650 |
| BlackRock Fund Advisors | 16-Dec-16 | no | n/a | in specie | AUD | ord 23,472 | 23,472 |
| BlackRock Fund Advisors | 16-Dec-16 | no | n/a | in specie | AUD | ord 4,032 | 4,032 |
| BlackRock Investment Management (Australia) Limited | 19-Dec-16 | no | n/a | in specie | AUD | ord 575,485 | 575,485 |
| BlackRock Investment Management (Australia) Limited | 19-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 9,636 | 9,636 |
| BlackRock Asset Management Canada Limited | 19-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 3,819 | 3,819 |
| BlackRock Advisors (UK) Limited | 19-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 479 | 479 |
| BlackRock Institutional Trust Company, National Association | 19-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 7,166 | 7,166 |
| BlackRock Investment Management (Australia) Limited | 20-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 8,900 | 8,900 |
| BlackRock Investment Management (Australia) Limited | 20-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 17,709 | 17,709 |
| BlackRock Japan Co., Ltd. | 20-Dec-16 | no | n/a | collateral transfer | AUD | ord 6 | 6 |
| BlackRock Advisors (UK) Limited | 20-Dec-16 | no | n/a | collateral transfer | AUD | ord 28,910 | 28,910 |
| BlackRock Asset Management North Asia Limited | 20-Dec-16 | no | n/a | collateral transfer | AUD | ord 5 | 5 |
| BlackRock Investment Management (Australia) Limited | 20-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 4,075 | 4,075 |
| BlackRock Investment Management (Australia) Limited | 20-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 79,712 | 79,712 |
| BlackRock Investment Management (Australia) Limited | 20-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 3,060 | 3,060 |
| BlackRock Investment Management (Australia) Limited | 20-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 38,480 | 38,480 |

| Holder of Relevant Interest | Date of Acquisition / Trans on a prescribed fin'l mkt | | Consideration | | | Class and number of securities affected | Person's votes affected |
|---|--|-----|---------------|---------------------|-----|--|-------------------------------|
| | | | Cash | Non-cash | CCY | | |
| BlackRock Investment Management (Australia) Limited | 20-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 2,246 | 2,246 |
| BlackRock Investment Management, LLC | 21-Dec-16 | no | n/a | collateral transfer | AUD | ord 418,013 | 418,013 |
| BlackRock Investment Management (UK) Limited | 21-Dec-16 | no | n/a | collateral transfer | AUD | ord 335,076 | 335,076 |
| BlackRock Advisors (UK) Limited | 21-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 3,531 | 3,531 |
| BlackRock Advisors (UK) Limited | 21-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 331 | 331 |
| BlackRock Investment Management (Australia) Limited | 21-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 4,088 | 4,088 |
| BlackRock Investment Management (Australia) Limited | 21-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 2,490 | 2,490 |
| BlackRock Investment Management (Australia) Limited | 22-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 7,656 | 7,656 |
| BlackRock Advisors (UK) Limited | 22-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 2,951 | 2,951 |
| BlackRock (Singapore) Limited | 22-Dec-16 | no | n/a | collateral transfer | AUD | ord 149,315 | 149,315 |
| BlackRock Advisors (UK) Limited | 22-Dec-16 | no | n/a | collateral transfer | AUD | ord 250,012 | 250,012 |
| BlackRock Financial Management, Inc. | 22-Dec-16 | no | n/a | collateral transfer | AUD | ord 83,480 | 83,480 |
| BlackRock Investment Management (UK) Limited | 22-Dec-16 | no | n/a | collateral transfer | AUD | ord 126,496 | 126,496 |
| BlackRock Investment Management (Australia) Limited | 22-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 3,693 | 3,693 |
| BlackRock Fund Advisors | 22-Dec-16 | no | n/a | in specie | AUD | ord 2,160 | 2,160 |
| BlackRock Fund Advisors | 22-Dec-16 | no | n/a | in specie | AUD | ord 3,650 | 3,650 |
| BlackRock Fund Advisors | 22-Dec-16 | no | n/a | in specie | AUD | ord 2,920 | 2,920 |
| BlackRock Investment Management (Australia) Limited | 22-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 11,688 | 11,688 |
| BlackRock Investment Management (Australia) Limited | 22-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 3,454 | 3,454 |
| BlackRock Investment Management (Australia) Limited | 22-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 11,431 | 11,431 |
| BlackRock Investment Management (Australia) Limited | 22-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 1,894 | 1,894 |
| BlackRock (Singapore) Limited | 23-Dec-16 | no | n/a | collateral transfer | AUD | ord 85,278 | 85,278 |
| BlackRock Financial Management, Inc. | 23-Dec-16 | no | n/a | collateral transfer | AUD | ord 48,543 | 48,543 |
| BlackRock Investment Management, LLC | 23-Dec-16 | no | n/a | collateral transfer | AUD | ord 4,362 | 4,362 |
| BlackRock Fund Advisors | 23-Dec-16 | no | n/a | in specie | AUD | ord 31,064 | 31,064 |
| BlackRock Fund Advisors | 23-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 5,490 | 5,490 |
| BlackRock Fund Advisors | 23-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 14,158 | 14,158 |
| BlackRock Japan Co., Ltd. | 27-Dec-16 | no | n/a | collateral transfer | AUD | ord 64,728 | 64,728 |
| BlackRock (Singapore) Limited | 27-Dec-16 | no | n/a | collateral transfer | AUD | ord 304,648 | 304,648 |
| BlackRock Advisors (UK) Limited | 27-Dec-16 | no | n/a | collateral transfer | AUD | ord 272,731 | 272,731 |
| BlackRock Financial Management, Inc. | 27-Dec-16 | no | n/a | collateral transfer | AUD | ord 160,416 | 160,416 |
| BlackRock Investment Management, LLC | 27-Dec-16 | no | n/a | collateral transfer | AUD | ord 15,907 | 15,907 |
| BlackRock Investment Management (UK) Limited | 27-Dec-16 | no | n/a | collateral transfer | AUD | ord 474,519 | 474,519 |
| BlackRock Fund Advisors | 27-Dec-16 | no | n/a | in specie | AUD | ord 2,190 | 2,190 |
| BlackRock Fund Advisors | 27-Dec-16 | no | n/a | in specie | AUD | ord 8,238 | 8,238 |
| BlackRock Fund Advisors | 27-Dec-16 | no | n/a | in specie | AUD | ord 8,238 | 8,238 |
| BlackRock Japan Co., Ltd. | 28-Dec-16 | no | n/a | collateral transfer | AUD | ord 2,105,330 | 2,105,330 |
| BlackRock Advisors (UK) Limited | 28-Dec-16 | no | n/a | collateral transfer | AUD | ord 1,627,016 | 1,627,016 |
| BlackRock Asset Management North Asia Limited | 28-Dec-16 | no | n/a | collateral transfer | AUD | ord 5,583 | 5,583 |
| BlackRock Fund Advisors | 28-Dec-16 | no | n/a | in specie | AUD | ord 2,160 | 2,160 |
| BlackRock Fund Advisors | 28-Dec-16 | no | n/a | in specie | AUD | ord 7,766 | 7,766 |
| BlackRock Fund Advisors | 28-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 32,295 | 32,295 |
| BlackRock Fund Advisors | 28-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 4,993 | 4,993 |
| BlackRock Fund Advisors | 28-Dec-16 | no | n/a | in specie | AUD | ord 3,105 | 3,105 |
| BlackRock Fund Advisors | 28-Dec-16 | no | n/a | in specie | AUD | ord 2,552 | 2,552 |
| BlackRock Fund Advisors | 29-Dec-16 | no | n/a | in specie | AUD | ord 10,390 | 10,390 |
| BlackRock Advisors (UK) Limited | 29-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 2,708 | 2,708 |
| BlackRock Advisors (UK) Limited | 29-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 5,416 | 5,416 |

| Holder of Relevant Interest | Date of Acquisition / Trans on a prescribed fin'l mkt | | Consideration | | | Class and number of securities affected | Person's votes affected |
|--|--|-----|---------------|------------------------|-----|--|-------------------------------|
| | | | Cash | Non-cash | CCY | | |
| BlackRock Advisors (UK) Limited | 30-Dec-16 | no | n/a | collateral transfer | AUD | ord 0 | 0 |
| BlackRock Advisors (UK) Limited | 30-Dec-16 | yes | 12.00 | on mkt buy | AUD | ord 963 | 963 |
| BlackRock Institutional Trust Company, National Association | 03-Jan-17 | no | n/a | in specie | AUD | ord 30,057 | 30,057 |
| BlackRock Japan Co., Ltd. | 03-Jan-17 | no | n/a | collateral transfer | AUD | ord 874,547 | 874,547 |
| BlackRock Investment Management (UK) Limited | 03-Jan-17 | no | n/a | collateral transfer | AUD | ord 895,168 | 895,168 |
| BlackRock Institutional Trust Company, National Association | 03-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 110,977 | 110,977 |
| BlackRock Institutional Trust Company, National Association | 03-Jan-17 | no | n/a | in specie | AUD | ord 26,121 | 26,121 |
| BlackRock Institutional Trust Company, National Association | 03-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 23,552 | 23,552 |
| BlackRock Fund Advisors | 03-Jan-17 | no | n/a | in specie | AUD | ord 24,636 | 24,636 |
| BlackRock Advisors (UK) Limited | 04-Jan-17 | no | n/a | collateral transfer | AUD | ord 1,356,686 | 1,356,686 |
| BlackRock Capital Management, Inc. | 04-Jan-17 | no | n/a | collateral transfer | AUD | ord 1,841 | 1,841 |
| BlackRock Investment Management (UK) Limited | 04-Jan-17 | no | n/a | collateral transfer | AUD | ord 492,925 | 492,925 |
| BlackRock Asset Management North Asia Limited | 04-Jan-17 | no | n/a | collateral transfer | AUD | ord 138 | 138 |
| BlackRock Fund Advisors | 04-Jan-17 | no | n/a | in specie | AUD | ord 10,390 | 10,390 |
| BlackRock Fund Advisors | 04-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 5,269 | 5,269 |
| BlackRock Fund Advisors | 04-Jan-17 | no | n/a | in specie | AUD | ord 1,320 | 1,320 |
| BlackRock Advisors (UK) Limited | 04-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 2,648 | 2,648 |
| BlackRock Investment Management (Australia) Limited | 05-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 7,885 | 7,885 |
| BlackRock Investment Management (Australia) Limited | 05-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 17,286 | 17,286 |
| BlackRock Japan Co., Ltd. | 05-Jan-17 | no | n/a | collateral transfer | AUD | ord 0 | 0 |
| BlackRock Advisors (UK) Limited | 05-Jan-17 | no | n/a | collateral transfer | AUD | ord 2,778,276 | 2,778,276 |
| BlackRock Investment Management (Australia) Limited | 05-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 4,046 | 4,046 |
| BlackRock Fund Advisors | 05-Jan-17 | no | n/a | in specie | AUD | ord 3,456 | 3,456 |
| BlackRock Fund Advisors | 05-Jan-17 | no | n/a | in specie | AUD | ord 31,064 | 31,064 |
| BlackRock Fund Advisors | 05-Jan-17 | no | n/a | in specie | AUD | ord 12,468 | 12,468 |
| BlackRock Fund Advisors | 05-Jan-17 | no | n/a | in specie | AUD | ord 14,546 | 14,546 |
| BlackRock Fund Advisors | 05-Jan-17 | no | n/a | in specie | AUD | ord 2,752 | 2,752 |
| BlackRock Fund Advisors | 05-Jan-17 | no | n/a | in specie | AUD | ord 1,980 | 1,980 |
| BlackRock Advisors (UK) Limited | 05-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 321 | 321 |
| BlackRock Advisors (UK) Limited | 05-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 1,926 | 1,926 |
| BlackRock Advisors (UK) Limited | 05-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 393 | 393 |
| BlackRock Advisors (UK) Limited | 05-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 393 | 393 |
| BlackRock Fund Advisors | 05-Jan-17 | no | n/a | in specie | AUD | ord 205 | 205 |
| BlackRock Investment Management (Australia) Limited | 05-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 50,829 | 50,829 |
| BlackRock Investment Management (Australia) Limited | 05-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 3,226 | 3,226 |
| BlackRock Investment Management (Australia) Limited | 05-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 12,128 | 12,128 |
| BlackRock Investment Management (Australia) Limited | 05-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 2,084 | 2,084 |
| BlackRock Advisors (UK) Limited | 06-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 4,236 | 4,236 |
| BlackRock Advisors (UK) Limited | 06-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 3,566 | 3,566 |
| BlackRock Advisors (UK) Limited | 06-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 1,340 | 1,340 |
| BlackRock Investment Management, LLC | 06-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 1,138 | 1,138 |
| BlackRock Fund Advisors | 06-Jan-17 | no | n/a | in specie | AUD | ord 61,590 | 61,590 |
| BlackRock Advisors, LLC | 09-Jan-17 | no | n/a | collateral transfer | AUD | ord 0 | 0 |
| BlackRock Japan Co., Ltd. | 09-Jan-17 | no | n/a | collateral transfer | AUD | ord 0 | 0 |
| BlackRock Investment Management, LLC | 09-Jan-17 | no | n/a | collateral transfer | AUD | ord 0 | 0 |
| BlackRock Investment Management (UK) Limited | 09-Jan-17 | no | n/a | collateral transfer | AUD | ord 485,117 | 485,117 |
| BlackRock Asset Management North Asia Limited | 09-Jan-17 | no | n/a | collateral transfer | AUD | ord 0 | 0 |
| BlackRock (Netherlands) B.V. | 09-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 759 | 759 |
| BlackRock Fund Advisors | 09-Jan-17 | no | n/a | in specie | AUD | ord 7,766 | 7,766 |
| BlackRock Fund Advisors | 09-Jan-17 | no | n/a | in specie | AUD | ord 19,415 | 19,415 |
| BlackRock Fund Advisors | 10-Jan-17 | no | n/a | in specie | AUD | ord 9,640 | 9,640 |

| Holder of Relevant Interest | Date of Acquisition / Trans on a prescribed fin'l mkt | | Consideration | | | Class and number of securities affected | | Person's votes affected |
|---|--|-----|---------------|---------------------|-----|--|-----------|-------------------------------|
| | | | Cash | Non-cash | CCY | | | |
| BlackRock Advisors, LLC | 11-Jan-17 | no | n/a | collateral transfer | AUD | ord | 0 | 0 |
| BlackRock Japan Co., Ltd. | 11-Jan-17 | no | n/a | collateral transfer | AUD | ord | 0 | 0 |
| BlackRock Advisors (UK) Limited | 11-Jan-17 | no | n/a | collateral transfer | AUD | ord | 4,623,592 | 4,623,592 |
| BlackRock Investment Management, LLC | 11-Jan-17 | no | n/a | collateral transfer | AUD | ord | 0 | 0 |
| BlackRock Investment Management (UK) Limited | 11-Jan-17 | no | n/a | collateral transfer | AUD | ord | 1 | 1 |
| BlackRock Asset Management North Asia Limited | 11-Jan-17 | no | n/a | collateral transfer | AUD | ord | 0 | 0 |
| BlackRock Fund Advisors | 11-Jan-17 | no | n/a | in specie | AUD | ord | 4,119 | 4,119 |
| BlackRock Fund Advisors | 11-Jan-17 | no | n/a | in specie | AUD | ord | 8,238 | 8,238 |
| BlackRock Fund Advisors | 11-Jan-17 | no | n/a | in specie | AUD | ord | 13,507 | 13,507 |
| BlackRock Investment Management (UK) Limited | 12-Jan-17 | no | n/a | in specie | AUD | ord | 3,749 | 3,749 |
| BlackRock Japan Co., Ltd. | 12-Jan-17 | no | n/a | collateral transfer | AUD | ord | 5,430 | 5,430 |
| BlackRock (Singapore) Limited | 12-Jan-17 | no | n/a | collateral transfer | AUD | ord | 782,147 | 782,147 |
| BlackRock Financial Management, Inc. | 12-Jan-17 | no | n/a | collateral transfer | AUD | ord | 429,629 | 429,629 |
| BlackRock Investment Management, LLC | 12-Jan-17 | no | n/a | collateral transfer | AUD | ord | 41,378 | 41,378 |
| BlackRock Investment Management (UK) Limited | 12-Jan-17 | no | n/a | collateral transfer | AUD | ord | 1,173,455 | 1,173,455 |
| BlackRock Fund Advisors | 12-Jan-17 | no | n/a | in specie | AUD | ord | 10,390 | 10,390 |
| BlackRock Financial Management, Inc. | 12-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord | 8,616 | 8,616 |
| BlackRock Fund Advisors | 12-Jan-17 | no | n/a | in specie | AUD | ord | 30,795 | 30,795 |
| BlackRock (Singapore) Limited | 13-Jan-17 | no | n/a | collateral transfer | AUD | ord | 10,717 | 10,717 |
| BlackRock Advisors (UK) Limited | 13-Jan-17 | no | n/a | collateral transfer | AUD | ord | 2,332,116 | 2,332,116 |
| BlackRock Investment Management (UK) Limited | 13-Jan-17 | no | n/a | collateral transfer | AUD | ord | 69,017 | 69,017 |
| BlackRock Institutional Trust Company, National Association | 13-Jan-17 | no | n/a | in specie | AUD | ord | 5,503 | 5,503 |
| BlackRock Fund Advisors | 13-Jan-17 | no | n/a | in specie | AUD | ord | 15,585 | 15,585 |
| BlackRock Fund Advisors | 13-Jan-17 | no | n/a | in specie | AUD | ord | 24,636 | 24,636 |
| BlackRock Investment Management (Australia) Limited | 16-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord | 8,644 | 8,644 |
| BlackRock Investment Management (Australia) Limited | 16-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord | 73,089 | 73,089 |
| BlackRock Investment Management (Australia) Limited | 16-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord | 45,414 | 45,414 |
| BlackRock Investment Management (Australia) Limited | 16-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord | 4,074 | 4,074 |
| BlackRock Japan Co., Ltd. | 16-Jan-17 | no | n/a | collateral transfer | AUD | ord | 0 | 0 |
| BlackRock Advisors (UK) Limited | 16-Jan-17 | no | n/a | collateral transfer | AUD | ord | 911,792 | 911,792 |
| BlackRock Investment Management (Australia) Limited | 16-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord | 3,279 | 3,279 |
| BlackRock Advisors (UK) Limited | 16-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord | 8,160 | 8,160 |
| BlackRock Institutional Trust Company, National Association | 16-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord | 16,844 | 16,844 |
| BlackRock Investment Management (Australia) Limited | 16-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord | 14,475 | 14,475 |
| BlackRock Investment Management (Australia) Limited | 16-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord | 1,947 | 1,947 |
| BlackRock Investment Management (Australia) Limited | 16-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord | 11,158 | 11,158 |
| BlackRock Asset Management North Asia Limited | 17-Jan-17 | no | n/a | collateral transfer | AUD | ord | 7 | 7 |
| BlackRock Advisors (UK) Limited | 17-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord | 2,568 | 2,568 |
| BlackRock Fund Advisors | 17-Jan-17 | no | n/a | in specie | AUD | ord | 24,636 | 24,636 |
| BlackRock Advisors (UK) Limited | 18-Jan-17 | no | n/a | collateral transfer | AUD | ord | 1,577,713 | 1,577,713 |
| BlackRock Investment Management, LLC | 18-Jan-17 | no | n/a | collateral transfer | AUD | ord | 422,280 | 422,280 |
| BlackRock Fund Advisors | 18-Jan-17 | no | n/a | in specie | AUD | ord | 16,476 | 16,476 |
| BlackRock Fund Advisors | 18-Jan-17 | no | n/a | in specie | AUD | ord | 15,585 | 15,585 |
| BlackRock Advisors (UK) Limited | 18-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord | 5,414 | 5,414 |
| BlackRock Investment Management (UK) Limited | 18-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord | 8,255 | 8,255 |

| Holder of Relevant Interest | Date of Acquisition / Trans on a prescribed fin'l mkt | | Consideration | | | Class and number of securities affected | Person's votes affected |
|--|--|-----|---------------|------------------------|-----|--|-------------------------------|
| | | | Cash | Non-cash | CCY | | |
| BlackRock Japan Co., Ltd. | 19-Jan-17 | no | n/a | collateral transfer | AUD | ord 0 | 0 |
| BlackRock Advisors (UK) Limited | 19-Jan-17 | no | n/a | collateral transfer | AUD | ord 753,499 | 753,499 |
| BlackRock Investment Management (UK) Limited | 19-Jan-17 | no | n/a | collateral transfer | AUD | ord 100,388 | 100,388 |
| BlackRock Fund Advisors | 19-Jan-17 | no | n/a | in specie | AUD | ord 12,357 | 12,357 |
| BlackRock Fund Advisors | 19-Jan-17 | no | n/a | in specie | AUD | ord 24,714 | 24,714 |
| BlackRock Advisors (UK) Limited | 19-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 2,707 | 2,707 |
| BlackRock Advisors (UK) Limited | 19-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 2,707 | 2,707 |
| BlackRock Advisors (UK) Limited | 19-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 2,247 | 2,247 |
| BlackRock Japan Co., Ltd. | 20-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 514 | 514 |
| BlackRock Fund Advisors | 20-Jan-17 | no | n/a | in specie | AUD | ord 8,238 | 8,238 |
| BlackRock Advisors (UK) Limited | 20-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 1,926 | 1,926 |
| BlackRock Japan Co., Ltd. | 23-Jan-17 | no | n/a | collateral transfer | AUD | ord 0 | 0 |
| BlackRock Advisors (UK) Limited | 23-Jan-17 | no | n/a | collateral transfer | AUD | ord 0 | 0 |
| BlackRock Fund Advisors | 23-Jan-17 | no | n/a | in specie | AUD | ord 8,238 | 8,238 |
| BlackRock Fund Advisors | 23-Jan-17 | no | n/a | in specie | AUD | ord 16,476 | 16,476 |
| BlackRock Fund Advisors | 23-Jan-17 | no | n/a | in specie | AUD | ord 10,390 | 10,390 |
| BlackRock Fund Advisors | 23-Jan-17 | no | n/a | in specie | AUD | ord 18,702 | 18,702 |
| BlackRock Fund Advisors | 23-Jan-17 | no | n/a | in specie | AUD | ord 21,819 | 21,819 |
| BlackRock Fund Advisors | 23-Jan-17 | no | n/a | in specie | AUD | ord 133,500 | 133,500 |
| BlackRock Advisors (UK) Limited | 23-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 8,121 | 8,121 |
| BlackRock Advisors (UK) Limited | 23-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 482 | 482 |
| BlackRock Fund Advisors | 23-Jan-17 | no | n/a | in specie | AUD | ord 205 | 205 |
| BlackRock Investment Management (Australia) Limited | 24-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 61,492 | 61,492 |
| BlackRock Investment Management (Australia) Limited | 24-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 5,096 | 5,096 |
| BlackRock Advisors (UK) Limited | 24-Jan-17 | no | n/a | collateral transfer | AUD | ord 32 | 32 |
| BlackRock Institutional Trust Company, National Association | 24-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 156,871 | 156,871 |
| BlackRock Fund Advisors | 24-Jan-17 | no | n/a | in specie | AUD | ord 15,532 | 15,532 |
| BlackRock Fund Advisors | 24-Jan-17 | no | n/a | in specie | AUD | ord 12,468 | 12,468 |
| BlackRock Fund Advisors | 24-Jan-17 | no | n/a | in specie | AUD | ord 9,351 | 9,351 |
| BlackRock Fund Advisors | 24-Jan-17 | no | n/a | in specie | AUD | ord 4,128 | 4,128 |
| BlackRock Investment Management (Australia) Limited | 24-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 753 | 753 |
| BlackRock Japan Co., Ltd. | 25-Jan-17 | no | n/a | collateral transfer | AUD | ord 0 | 0 |
| BlackRock Advisors (UK) Limited | 25-Jan-17 | no | n/a | collateral transfer | AUD | ord 444,575 | 444,575 |
| BlackRock Investment Management (UK) Limited | 25-Jan-17 | no | n/a | collateral transfer | AUD | ord 16,439 | 16,439 |
| BlackRock Fund Advisors | 25-Jan-17 | no | n/a | in specie | AUD | ord 15,532 | 15,532 |
| BlackRock Fund Advisors | 25-Jan-17 | no | n/a | in specie | AUD | ord 16,476 | 16,476 |
| BlackRock Fund Advisors | 25-Jan-17 | no | n/a | in specie | AUD | ord 1,720 | 1,720 |
| BlackRock Advisors (UK) Limited | 25-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 5,414 | 5,414 |
| BlackRock Advisors (UK) Limited | 25-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 484 | 484 |
| BlackRock Advisors (UK) Limited | 25-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 6,776 | 6,776 |
| BlackRock Advisors (UK) Limited | 25-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 963 | 963 |
| BlackRock Japan Co., Ltd. | 26-Jan-17 | no | n/a | collateral transfer | AUD | ord 0 | 0 |
| BlackRock Capital Management, Inc. | 26-Jan-17 | no | n/a | collateral transfer | AUD | ord 922 | 922 |
| BlackRock Investment Management (UK) Limited | 26-Jan-17 | no | n/a | collateral transfer | AUD | ord 435,273 | 435,273 |
| BlackRock Asset Management North Asia Limited | 26-Jan-17 | no | n/a | collateral transfer | AUD | ord 8,412 | 8,412 |
| BlackRock Advisors, LLC | 27-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 56,012 | 56,012 |
| BlackRock Investment Management (UK) Limited | 27-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 17,278 | 17,278 |
| BlackRock Asset Management North Asia Limited | 27-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 168,588 | 168,588 |
| BlackRock Investment Management (UK) Limited | 27-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 93,698 | 93,698 |
| BlackRock Asset Management North Asia Limited | 27-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 12,817 | 12,817 |
| BlackRock Advisors (UK) Limited | 27-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 2,707 | 2,707 |
| BlackRock Advisors (UK) Limited | 27-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 18,949 | 18,949 |
| BlackRock Advisors (UK) Limited | 27-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 1,482 | 1,482 |
| BlackRock Advisors (UK) Limited | 27-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 3,525 | 3,525 |
| BlackRock Advisors (UK) Limited | 27-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 17,625 | 17,625 |

| Holder of Relevant Interest | Date of Acquisition / Trans on a prescribed fin'l mkt | | Consideration | | | Class and number of securities affected | Person's votes affected |
|---|--|-----|---------------|---------------------|-----|--|-------------------------------|
| | | | Cash | Non-cash | CCY | | |
| BlackRock Advisors (UK) Limited | 27-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 1,605 | 1,605 |
| BlackRock Advisors (UK) Limited | 27-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 963 | 963 |
| BlackRock Asset Management North Asia Limited | 27-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 40,602 | 40,602 |
| BlackRock Investment Management, LLC | 27-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 1,069 | 1,069 |
| BlackRock Fund Advisors | 27-Jan-17 | no | n/a | in specie | AUD | ord 43,113 | 43,113 |
| BlackRock Advisors (UK) Limited | 30-Jan-17 | no | n/a | in specie | AUD | ord 23,451 | 23,451 |
| BlackRock Advisors, LLC | 30-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 168,035 | 168,035 |
| BlackRock Japan Co., Ltd. | 30-Jan-17 | no | n/a | collateral transfer | AUD | ord 0 | 0 |
| BlackRock Advisors (UK) Limited | 30-Jan-17 | no | n/a | collateral transfer | AUD | ord 1,861,822 | 1,861,822 |
| BlackRock Investment Management (UK) Limited | 30-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 51,833 | 51,833 |
| BlackRock Investment Management (UK) Limited | 30-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 41,883 | 41,883 |
| BlackRock Asset Management North Asia Limited | 30-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 505,767 | 505,767 |
| BlackRock Investment Management (UK) Limited | 30-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 281,095 | 281,095 |
| BlackRock Asset Management North Asia Limited | 30-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 38,450 | 38,450 |
| BlackRock Advisors (UK) Limited | 30-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 642 | 642 |
| BlackRock Advisors (UK) Limited | 30-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 642 | 642 |
| BlackRock Asset Management North Asia Limited | 30-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 121,806 | 121,806 |
| BlackRock Fund Advisors | 30-Jan-17 | no | n/a | in specie | AUD | ord 18,477 | 18,477 |
| BlackRock Investment Management (Australia) Limited | 31-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 12,372 | 12,372 |
| BlackRock Investment Management (Australia) Limited | 31-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 50,021 | 50,021 |
| BlackRock Advisors (UK) Limited | 31-Jan-17 | no | n/a | collateral transfer | AUD | ord 353,246 | 353,246 |
| BlackRock Institutional Trust Company, National Association | 31-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 20,323 | 20,323 |
| BlackRock Investment Management (Australia) Limited | 31-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 5,982 | 5,982 |
| BlackRock Fund Advisors | 31-Jan-17 | no | n/a | in specie | AUD | ord 7,344 | 7,344 |
| BlackRock Investment Management (Australia) Limited | 31-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 147,167 | 147,167 |
| BlackRock Advisors (UK) Limited | 31-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 2,719 | 2,719 |
| BlackRock Investment Management (UK) Limited | 31-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 32,977 | 32,977 |
| BlackRock Investment Management (Australia) Limited | 31-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 5,397 | 5,397 |
| BlackRock Institutional Trust Company, National Association | 31-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 1,011 | 1,011 |
| BlackRock Investment Management (Australia) Limited | 31-Jan-17 | yes | 12.00 | on mkt buy | AUD | ord 13,046 | 13,046 |
| BlackRock Fund Advisors | 01-Feb-17 | no | n/a | in specie | AUD | ord 8,312 | 8,312 |
| BlackRock Advisors (UK) Limited | 01-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 2,247 | 2,247 |
| BlackRock Investment Management (Australia) Limited | 01-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 331,649 | 331,649 |
| BlackRock Fund Advisors | 01-Feb-17 | no | n/a | in specie | AUD | ord 18,477 | 18,477 |
| BlackRock Advisors (UK) Limited | 02-Feb-17 | no | n/a | collateral transfer | AUD | ord 196,638 | 196,638 |
| BlackRock Fund Advisors | 02-Feb-17 | no | n/a | in specie | AUD | ord 9,288 | 9,288 |
| BlackRock Advisors (UK) Limited | 02-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 2,707 | 2,707 |
| BlackRock Advisors (UK) Limited | 02-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 3,524 | 3,524 |
| BlackRock Advisors (UK) Limited | 02-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 395 | 395 |
| BlackRock Investment Management (UK) Limited | 03-Feb-17 | no | n/a | collateral transfer | AUD | ord 115,013 | 115,013 |
| BlackRock Fund Advisors | 03-Feb-17 | no | n/a | in specie | AUD | ord 5,160 | 5,160 |
| BlackRock Advisors (UK) Limited | 03-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 5,414 | 5,414 |
| BlackRock Advisors (UK) Limited | 06-Feb-17 | no | n/a | collateral transfer | AUD | ord 111,249 | 111,249 |
| BlackRock Advisors (UK) Limited | 06-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 27,070 | 27,070 |
| BlackRock Advisors (UK) Limited | 06-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 2,719 | 2,719 |
| BlackRock Advisors (UK) Limited | 06-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 13,595 | 13,595 |
| BlackRock Investment Management (Australia) Limited | 07-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 5,738 | 5,738 |
| BlackRock Investment Management (Australia) Limited | 07-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 45,332 | 45,332 |
| BlackRock Investment Management (Australia) Limited | 07-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 20,588 | 20,588 |

| Holder of Relevant Interest | Date of Acquisition / Trans on a prescribed fin'l mkt | | Consideration | | | Class and number of securities affected | Person's votes affected |
|---|--|-----|---------------|---------------------|-----|--|-------------------------------|
| | | | Cash | Non-cash | CCY | | |
| BlackRock Investment Management (Australia) Limited | 07-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 14,469 | 14,469 |
| BlackRock Investment Management (Australia) Limited | 07-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 2,101 | 2,101 |
| BlackRock Investment Management (Australia) Limited | 07-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 2,666 | 2,666 |
| BlackRock Fund Advisors | 07-Feb-17 | no | n/a | in specie | AUD | ord 7,273 | 7,273 |
| BlackRock Fund Advisors | 07-Feb-17 | no | n/a | in specie | AUD | ord 7,273 | 7,273 |
| BlackRock Fund Advisors | 07-Feb-17 | no | n/a | in specie | AUD | ord 13,507 | 13,507 |
| BlackRock Advisors (UK) Limited | 07-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 1,926 | 1,926 |
| BlackRock Fund Advisors | 07-Feb-17 | no | n/a | in specie | AUD | ord 982 | 982 |
| BlackRock Investment Management (Australia) Limited | 07-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 2,270 | 2,270 |
| BlackRock Investment Management (Australia) Limited | 07-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 26,575 | 26,575 |
| BlackRock Investment Management (Australia) Limited | 07-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 2,801 | 2,801 |
| BlackRock Investment Management (UK) Limited | 08-Feb-17 | no | n/a | collateral transfer | AUD | ord 853,750 | 853,750 |
| BlackRock Institutional Trust Company, National Association | 08-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 21,341 | 21,341 |
| BlackRock Fund Advisors | 08-Feb-17 | no | n/a | in specie | AUD | ord 23,298 | 23,298 |
| BlackRock Advisors (UK) Limited | 08-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 6,305 | 6,305 |
| BlackRock Advisors (UK) Limited | 08-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 398 | 398 |
| BlackRock Fund Advisors | 08-Feb-17 | no | n/a | in specie | AUD | ord 205 | 205 |
| BlackRock Investment Management (Australia) Limited | 08-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 52,089 | 52,089 |
| BlackRock Advisors (UK) Limited | 09-Feb-17 | no | n/a | collateral transfer | AUD | ord 1,851,102 | 1,851,102 |
| BlackRock Fund Advisors | 09-Feb-17 | no | n/a | in specie | AUD | ord 5,160 | 5,160 |
| BlackRock Fund Advisors | 09-Feb-17 | no | n/a | in specie | AUD | ord 11,125 | 11,125 |
| BlackRock Advisors, LLC | 09-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 28,303 | 28,303 |
| BlackRock Investment Management, LLC | 10-Feb-17 | no | n/a | collateral transfer | AUD | ord 1,354 | 1,354 |
| BlackRock Advisors (UK) Limited | 10-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 2,707 | 2,707 |
| BlackRock Advisors (UK) Limited | 10-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 29,909 | 29,909 |
| BlackRock Advisors (UK) Limited | 13-Feb-17 | no | n/a | collateral transfer | AUD | ord 45,099 | 45,099 |
| BlackRock Asset Management North Asia Limited | 13-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 24,408 | 24,408 |
| BlackRock Fund Advisors | 13-Feb-17 | no | n/a | in specie | AUD | ord 19,415 | 19,415 |
| BlackRock Advisors (UK) Limited | 13-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 398 | 398 |
| BlackRock Advisors (UK) Limited | 14-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 3,073 | 3,073 |
| BlackRock Advisors (UK) Limited | 14-Feb-17 | no | n/a | collateral transfer | AUD | ord 259 | 259 |
| BlackRock Asset Management North Asia Limited | 14-Feb-17 | no | n/a | collateral transfer | AUD | ord 4 | 4 |
| BlackRock Fund Advisors | 14-Feb-17 | no | n/a | in specie | AUD | ord 22,250 | 22,250 |
| BlackRock Advisors (UK) Limited | 14-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 3,525 | 3,525 |
| BlackRock Investment Management (Australia) Limited | 14-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 8,135 | 8,135 |
| BlackRock Advisors (UK) Limited | 15-Feb-17 | no | n/a | collateral transfer | AUD | ord 1,246,117 | 1,246,117 |
| BlackRock Asset Management North Asia Limited | 15-Feb-17 | no | n/a | collateral transfer | AUD | ord 1 | 1 |
| BlackRock Investment Management (Australia) Limited | 15-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 12,202 | 12,202 |
| BlackRock Advisors (UK) Limited | 15-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 5,440 | 5,440 |
| BlackRock Advisors (UK) Limited | 15-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 2,254 | 2,254 |
| BlackRock Investment Management (UK) Limited | 16-Feb-17 | yes | 13.00 | on mkt buy | AUD | ord 13,374 | 13,374 |
| BlackRock Investment Management (UK) Limited | 16-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 20,215 | 20,215 |
| BlackRock Advisors (UK) Limited | 16-Feb-17 | yes | 13.00 | on mkt buy | AUD | ord 644 | 644 |
| BlackRock Advisors (UK) Limited | 16-Feb-17 | yes | 13.00 | on mkt buy | AUD | ord 1,288 | 1,288 |
| BlackRock Advisors (UK) Limited | 16-Feb-17 | yes | 13.00 | on mkt buy | AUD | ord 796 | 796 |
| BlackRock Institutional Trust Company, National Association | 16-Feb-17 | yes | 13.00 | on mkt buy | AUD | ord 5,670 | 5,670 |
| BlackRock Fund Advisors | 16-Feb-17 | no | n/a | in specie | AUD | ord 536 | 536 |
| BlackRock Institutional Trust Company, National Association | 16-Feb-17 | no | n/a | in specie | AUD | ord 15,936 | 15,936 |
| BlackRock (Singapore) Limited | 16-Feb-17 | no | n/a | collateral transfer | AUD | ord 154,907 | 154,907 |
| BlackRock Financial Management, Inc. | 16-Feb-17 | no | n/a | collateral transfer | AUD | ord 390,109 | 390,109 |

| Holder of Relevant Interest | Date of Acquisition / Trans on a prescribed fin'l mkt | | Consideration | | | Class and number of securities affected | Person's votes affected |
|---|--|-----|---------------|------------------------|-----|--|-------------------------------|
| | | | Cash | Non-cash | CCY | | |
| BlackRock Investment Management, LLC | 16-Feb-17 | no | n/a | collateral transfer | AUD | ord 48,075 | 48,075 |
| BlackRock Investment Management (UK) Limited | 16-Feb-17 | no | n/a | collateral transfer | AUD | ord 499,811 | 499,811 |
| BlackRock Advisors (UK) Limited | 17-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 2,709 | 2,709 |
| BlackRock Japan Co., Ltd. | 17-Feb-17 | no | n/a | collateral transfer | AUD | ord 30 | 30 |
| BlackRock Advisors (UK) Limited | 20-Feb-17 | yes | 12.00 | on mkt buy | AUD | ord 3,528 | 3,528 |
| BlackRock (Singapore) Limited | 20-Feb-17 | no | n/a | collateral transfer | AUD | ord 119,927 | 119,927 |
| BlackRock Financial Management, Inc. | 20-Feb-17 | no | n/a | collateral transfer | AUD | ord 290,039 | 290,039 |
| BlackRock Investment Management, LLC | 20-Feb-17 | no | n/a | collateral transfer | AUD | ord 36,890 | 36,890 |
| BlackRock Investment Management (UK) Limited | 20-Feb-17 | no | n/a | collateral transfer | AUD | ord 353,617 | 353,617 |

This is Annexure C of 1 pages referred to in form 603 Notice of initial substantial shareholder

| | |
|---------------------------------------|-----------|
| | 22-Feb-17 |
| Dennis Ivers, Authorised Signatory | Date |

7. Addresses
The addresses of persons named in this form are as follows:

| Name | Address |
|---|---|
| BlackRock Group | |
| BlackRock Inc. | 55 East 52nd Street New York NY 10055 USA |
| BlackRock (Netherlands) B.V. | Rembrandt Tower, 17th floor Amstelplein Amsterdam Netherlands |
| BlackRock (Singapore) Limited | 20 Anson Road #18-01 079912 Singapore |
| BlackRock Advisors (UK) Limited | 12 Throgmorton Avenue. London, EC2N 2DL, United Kingdom |
| BlackRock Advisors, LLC | 1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States |
| BlackRock Asset Management Canada Limited | 161 Bay Street, Suite 2500 Toronto, Ontario M5J 2S1 Canada |
| BlackRock Asset Management North Asia Limited | 15/F, 16/F, 17/F Citibank Tower & 17/F ICBC Tower, 3 Garden Road, Central, Hong Kong |
| BlackRock Capital Management, Inc. | 1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States |
| BlackRock Financial Management, Inc. | 1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States |
| BlackRock Fund Advisors | 400 Howard Street San Francisco, CA, 94105 United States |
| BlackRock Institutional Trust Company, National Association | 1225 17th Street, Suite 300, Denver, CO 80202 (Colorado, USA) |
| BlackRock International Limited | Exchange Place One, 1 Semple Street, Edinburgh, EH3 8BL, United Kingdom (Scotland, United Kingdom) |
| BlackRock Investment Management (Australia) Limited | Level 26, 101 Collins Street Melbourne VIC 3000 Australia (Victoria, Australia) |
| BlackRock Investment Management (UK) Limited | 12 Throgmorton Avenue London EC2N 2DL United Kingdom |
| BlackRock Investment Management, LLC | 1209 Orange Street, Wilmington, New Castle County, Delaware 19801, United States |
| BlackRock Japan Co., Ltd. | Marunouchi Trust Tower Main, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-8217 (Japan) |

This is Annexure D of 1 page referred to in form 603 Notice of initial substantial shareholder

..... 22-Feb-17
Dennis Ivers, Authorised Signatory Date

| | |
|--|--|
| Type of agreement: | Global Master Securities Lending Agreement |
| Parties to agreement: | Party A - Citigroup Global Markets Limited Party B - HSBC Institutional Trust Services (Asia) Limited |
| Transfer date: | Refer to Annexure B (transactions identified as collateral transfers) |
| Holder of voting rights: | BlackRock Asset Management North Asia Limited (as investment manager for the funds) |
| Are there any restrictions on voting rights? If yes, detail | Yes. Unless otherwise agreed between the parties, the Registered Owner will not exercise any voting rights. |
| Scheduled return date (if any): | Not applicable. |
| Does the borrower have the right to return early? If yes, detail | Yes. Upon an Event of Default under the GMSLA, the GMSLA provides, broadly, that both parties payment and delivery obligations will be accelerated and replaced with an obligation of one party to pay a single cash sum to the other determined in accordance with the provisions of the GMSLA (as modified by the Annex). The GMSLA provides that the parties' right to terminate the Agreement upon notice will not affect the parties' existing obligations in respect of any outstanding loans of securities. The Annex amended and restricted the Borrower's termination rights – i.e. Borrower may not have the right to terminate and return the borrowed securities - as the Borrower was to borrow the securities issued by it (or its sister company) to provide protection against the insolvency of the issuer and so usual rights of termination in a GMSLA were restricted. Subject to the terms of the relevant Loan, the Borrower, may early terminate a Loan and return Equivalent Securities at any time provided that it "shall cease to have such entitlement if an Act of Insolvency with respect to any Security Issuer or any of the Borrower's or any Security Issuer's affiliates has occurred, or any such person takes any steps preparatory to any of the matters which would constitute an Act of Insolvency |
| Does the lender have the right to recall early? If yes, detail | Yes, at notice. |
| Will the securities be returned on settlement? If yes, detail any exceptions | Yes. |

A copy of this agreement will be provided to QBE INSURANCE GROUP LTD or the Australian Securities and Investments Commission upon request.